



Fig. 9

DELIVERY DATA MANAGEMENT TABLE

901 DATA RANGE	902 DATA QUALITY	903 DELIVERY DESTINATION	904 DELIVERY METHOD	
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE \geq 10000	-	DATA COLLECTOR (1)	13:00, PUSH	905
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE \geq 10000	-	DATA COLLECTOR (3)	{1:00, 13:00}, PUSH	906
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE \geq 50000	TOP-N(ORDER, PRICE, 10)	DATA COLLECTOR (7)	ONCE PER 1 HOUR, PULL	
...	

INSERT DATA

(ORDER_ID, PRICE, CUSTOMER_ID) = (10005, 12500, 256) ~ 907

Fig. 10(A)

DELIVERY CREATION REQUEST

DATA RANGE	DATA QUALITY	DELIVERY METHOD	
ORDER(ORDER_ID, PRICE, CUSTOMER_ID) PRICE \geq 10000	-	13:00, PUSH	1001
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), 5000 \leq PRICE \leq 8000	FRESH(ORDER, 1 HOUR)	{1:00, 13:00}, PUSH	
SALESDetail(ORDER_ID, SHIPDATE, ORDER_AMOUNT), SHIPDATE \geq 1990/01/01	-	ONCE PER 1 HOUR, PULL	1002
...	

SERVER REPLY

FIG. 10(B)

SERVER REPLY	DATA RANGE	DATA QUALITY	DELIVERY METHOD	
ACCEPT	-	-	13:00, PUSH	1003
ACCEPT	-	-	{1:00, 13:00}, PUSH	
CONDITIONALLY ACCEPT	SALESDetail(ORDER_ID, SHIPDATE, ORDER_AMOUNT), SHIPDATE \geq 1994/01/01	-	ONCE PER 2 HOURS, PULL	1004
...	